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PARK'S FLORAL MAGAZINE

LA PARK, PA.

ESTABLISHED 1871.

PREMIUM SACRED LILIES

Your Bulbs Free.

PARK'S FLORAL MAGAZINE the coming year will be better than ever, and its practical monthly advice should be read by everyone who cultivates flowers. I hope, therefore, that every friend of the Magazine will send in a Club of subscribers this month. To encourage the effort I make this offer:

For 15 cents I will send Park's Floral Magazine one year and one Chinese Sacred Lily as a premium.

For 3 Subscriptions (45c) I will mail to the one sending the Club 3 Lilies for his or her trouble and 3 Lilies to hand to members of the Club.

For 5 Subscriptions (75c) I will mail 5 Lilies to the one who sends the Club, and 5 Lilies to hand to the Subscribers.

For 10 Subscriptions (\$1.50) I will send 10 Lilies to the one sending the Club and 10 Lilies to hand to the Subscribers.

Each member of the Club will pay 15 cents for the Magazine a year and the Premium Lily. These offers are only good for this month. The Magazine a year with Premium Lily will be found a fine Christmas present. How many of my friends will respond?

GEO. W. PARK, LaPark, Pa.

P. S.—These Sacred Lilies are fine and strong, and each bulb will throw up several scapes, each scape bearing a big cluster of exquisitely scented bloom. These will bloom when grown in glasses of water, pots of soil or sand, or in dishes of sponge or pebbles. They are the easiest grown of winter-blooming bulbs, and always satisfactory. Full cultural directions with the Bulbs. Don't fail to subscribe this month. Next month will be too late.

Christmas Packages.—I have secured a lot of fine Christmas packages of Cards, Tags, Stamps and Seals to be used in Christmas Greetings, each package containing 65 kinds, all richly embossed in gold and cardinal and green in the most artistic manner. This entire collection will be sent as a premium with Park's Floral Magazine one year for 15 cents, or without Magazine 10 cents. Order at once. Speak to your friends and send in a Club.

Address **GEO. W. PARK, LaPark, Pa.**



PICK OUT YOUR FLOWER SEEDS!

Prices: 1 Pkt. 5c; 5 Pkts. 25c; 11 Pkts. 50c; 17 Pkts. 75c; 23 Pkts. \$1; 35 Pkts. \$1.50; 48 Pkts. \$2.

I ADVISE my friends to order their Flower Seeds early this year, as there is but a small stock in this country, and may soon become exhausted. Many old seeds will be sold that are worthless. Mine were all tested this season, and can be depended upon. Speak to your friends and make up a Club. Order at once.

Send for Park's Floral Guide, giving descriptions and prices.

GEO. W. PARK, LaPark, Pa.

Reliable Flower Seeds.

Ageratum, Finest Dwarf, compact, free, continuous-blooming. Fine for beds or edgings; likes sun. Dark Blue, Azure, White, Mauve, Yellow, Mixed.

Alyssum, Sweet, Little Gem, White Carpet, Mixed. Plants masses of bloom from Spring until Winter.

Antirrhinum, Orchid-flowering, long spikes of Snapdragon flowers; fine for pots or beds. White, Rose, Scarlet, Yellow, Crimson. Varied, Mixed.

Aster, Improved Branching, the most desirable of Asters for beds or cutting; very double, free-blooming. Rose, Lavender, Indigo, Shell-pink, White, Gray Violet, Pink-Enchantress, Mixed.

Balsam, Improved Camellia-flowered, the finest of Balsams; immense double flowers of all colors; separate or mixed.

Bellis, Double Daisy, Giant flowered, very double; White, Red, Rose, Quilled, Ranunculus-flowered, Mixed.

Brachycome, Swan River Daisy, all colors mixed.

Browallia elata, White, Blue, mixed.

Calendula, Finest double, large-flowered, splendid for pots or beds; Orange, Sulphur, Striped, Mixed.

Calliopsis, Single and Double, finest mixed.

Canna, Finest large-flowered, mixed.

Candytuft, Splendid hardy annual; White, Rose, Carmine, Crimson, Purple, Mixed.

Capsicum, Fancy Peppers, all kinds mixed.

Carnation, Perpetual-flowering, Double, Mixed, Margaret, choice, all colors mixed.

Celosia, Dwarf Coxcomb, choicest seeds; Yellow, Crimson, Empress, Cardinal, Fiery Red, mixed.

Celosia, Feathered, New Large-plumed, Exhibition sorts, mixed.

Centaurea Cyanus, finest button-hole flower; single, mixed; double mixed.

Centaurea Imperialis, large flowered, finest mixed colors.

Chrysanthemum, Annual, finest single and double, all colors, mixed.

Clarkia elegans, superb double, mixed.

Collinsia bicolor, beautiful annuals, mixed.

Convolvulus minor, fine for beds, mixed.

Cosmos, Dwarf, early-flowering, all colors mixed; Mammoth mixed; Double mixed.

Dahlia, Single and Double, plain and Cactus sorts, splendid mixture.

Datura, trumpet-like, single and double mixed.

Delphinium, Annual Larkspur, Tall Rocket, Dwarf Rocket, Stock-flowered, mixed.

Dianthus Heddewigii, finest Single mixed; finest Double mixed; Laciniatus mixed; Imperialis Double mixed.

Eschscholtzia, California Poppy, finest single and double, all colors mixed.

Gaillardia Picta, finest mixed; Lorenziana mixed; Grandiflora mixed.

Godetia, single and double, splendid annuals, all colors mixed.

Helianthus, Sunflower, Tall Single, Tall Double, Red-flowered, mixed.

Hummelmania, Mexican Poppy, Orange, finest.

Impatiens, African Hybrids, everblooming, all colors, fine for pots or beds. Superb mixture.

Leptosiphon, finest annuals, mixed.

Linaria, Finest mixed.

Linum, Grandiflorum, Scarlet Flax, mixed.

Lobelia Erinus, for baskets, mixed, all colors.

Compacta, finest for pots, mixed, all colors.

Lupinus, splendid varieties mixed, all colors.

Lychnis, Chalcedonica, beautiful, mixed.

Malope grandiflora, mixed.

Malva, beautiful, mixed.

Matricaria, Feverfew, Double, White, Extra, charming, free-flowering annual; splendid.

Golden Ball, Yellow; Snowball, White, mixed.

Margifolia, Tall African, Double, Orange, Sulphur, Plain and Quilled; mixed.

Dwarf African, Orange, Sulphur, Plain and Quilled; mixed.

Tall French, Double Orange, Striped, Brown, Fistulosa, mixed.

Tagetes signata, golden, very free-blooming.

Mignonette Sweet, White, Red, Yellow, Orange; free-blooming, very sweet; mixed. Fine for bouquets.

Mimulus, Monkey Flower, single and double mixed.

Mirabilis, Four-o-Clock, Tall, White, Yellow-striped, Red-striped, mixed.

Dwarf, White, Crimson, Tricolor, Yellow, Red-striped, Yellow-striped, Variegated-leaved; separate or mixed.

Myosotis, Forget-me-not, all the fine sorts, mixed.

Nemophila, all sorts mixed.

Nemesia, Dwarf Compact, White, Blue, Yellow, Tricolor; separate or mixed.

Strumosa, Yellow, Spotted, mixed.

Nicotiana, Affinis Hybrids, many colors, mixed.

Nicotiana Sanderi, White, Rose, Carmine, Purple, mixed; charming for beds.

Nierembergia, Lilac, White, mixed.

Nigella Damascena, Double, Blue, White.

Miss Jekyll, double, rich blue.

Hispanica, blue, white, purple, mixed.

Oenothera, Evening Primrose, mixed.

Pansy, Brown's large-flowered, half sized pkts. mixed. This is the finest strain of Pansies known; plants strong and free-blooming; flowers of mammoth size and richest colors. There are none better. A half packet contains from 25 to 30 seeds.

Petunia, Large-flowered, Plain and Fringed in splendid varieties, mixed. Bedding Sorts in many rich colors and variegations; also good for pots; mixed.

Dwarf Compact, single and double; mixed.

Phlox Drummondii, grandiflora, finest large-flowered clusters; all the rich new colors, mixed.

Poppy, Carnation-flowered, double, all the fine shades; splendid for beds; mixed.

Pæony-flowered, double, leading colors, mixed.

Shirley, dwarf, finest sorts mixed.

Portulaca, Flowering Moss, double, single, all colors, separate or mixed.

Ricinus, Castor Bean, best sorts, mixed.

Salpiglossis, New Superbissima and Gloxiniflora sorts, all colors, best mixture.

Salvia, Large Scarlet, for beds, showy.

Saponaria, Calabrica, White, Rose, Scarlet, mixed.

Scabiosa, Mourning Bride, Double, mixed.

Dwarf, White, Sky-blue, Purple, Flesh, Carmine, Crimson, mixed.

Schizanthus, Butterfly Flower, finest showy sorts, all colors, mixed.

Silene, Fortune's Bright Rose, beautiful.

Schafta, also *Pendula* compacta White, Rose, mixed.

Solanum, pretty fruiting sorts, showy; mixed.

Stock, Ten Weeks, Mammoth Double, White, Blue, Crimson, Rose, Deep Rose, Canary Yellow, mixed.

Hollyhock-flowered, fine mixture, tall, double.

Giant Perfection, all leading rich colors, separate or mixed.

Princess Mary, new, fine.

Verbena, Large-flowered Hybrids, fine for beds or pots; finest colors, mixed.

Vinca Rosea, all colors, mixed.

Viscaria, Oculata, finest colors, mixed.

Viola Cornuta, Tufted Pansy, mixed.

Virginian Stock, Red, White, Crimson, Rose, mixed. Fine for either beds or pots.

Wallflower, fine Parisian annual sorts, mixed.

Whitlavia, lovely little bell-flowers for beds; White, Blue, mixed.

Zinnia, Finest Double, for beds; Red Scarlet, Striped, White, Orange, Cardinal, Purple, mixed.

Crispa, Double, frilled petals, mixed colors.

Lilliput, small, Yellow, Lilac, Scarlet, mixed.

Everlastings.—I have a full stock of the following: *Acroclonium*, double, mixed; *Ammobium alatum* grandiflorum; *Gomphrena*, Globe *Amaranth*, all colors mixed; *Gypsophila*, best sorts mixed; *Helichrysum*, Double *Strawflower*, finest mixed; *Rhodanthe* mixed; *Statice*, mixed; *Xeranthemum superbissima*, Mixed.

Ornamental Grasses.—Fine for bouquets, either green or dry. *Agrostis nebulosa* and *Pulchella*; *Avena*, Animated Oat; *Anthoxanthum odoratum*; *Briza Maxima* and *Minima*; *Coix*, Job's Tears; *Eragrostis elegans*; *Gymnothrix latifolia*; *Hordeum jubatum*; *Lagurus ovatus*; *Panicum Capillare violaceum* and *P. Frumentaceum*; *Zea Quadricolor Gigantea*.

Vines.—*Calampelis*; *Cardiospermum*; *Centrosema*; *Coccinea*; *Cobaea*; *Cypress Vine*, mixed; *Dolichos*, mixed; *Ornamental Gourds*; *Japan Nest-Egg Gourd*; *Small Fancied Gourds*; *Humulus variegatus*; *Ipomœa* mixed; *Ipomœa Japan Morning Glory*, mixed; *Morning Glory*, old-fashioned Improved, mixed; *Maurandya*, mixed; *Kudza Vine*, Sweet Peas, large-flowered, best mixed. *Tropæolum*, Giant Climbing Nasturtium; *Thunbergia alata*, mixed.

Perennials.—*Acanthus Mollis*; *Achillea Ptarmica*; *Agrostemma Coronaria*, white, scarlet, mixed; *Aquilegia*, mixed; *Arabis alpina*; *Aster*, mixed; *Aubrietia*, mixed; *Boltonia* mixed; *Campanula*, Canterbury Bell, single mixed, double mixed, Cup and Saucer mixed; *Campanula pyramidalis* mixed, *Carpatia* mixed; *Cerastium grandiflorum*, *C. tomentosum*; *Chelone* mixed; *Coreopsis grandiflorum*; *Delphinium* mixed; *Digitalis*, Foxglove, finest mixed; *Echinopsis*, Globe Thistle; *Erinus alpinus*; *Galega* mixed; *Geum* Mrs. Bradshaw, finest; *Gypsophila paniculata*; *Hellanthemum mutabile*; *Hyllyhock*, double, mixed; *Honesty*, mixed; *Inula*, mixed; *Iris Germanica*, mixed; *Isatis glauca*; *Leucanthemum*, Shasta Daisy, *Linum perenne*, mixed; *Lychnis viscaria*; *Lythrum*, mixed; *Monarda fistulosa*, mixed; *Pardanthus*, Blackberry Lily; *Lathyrus*, Perennial Pea, mixed; *Dianthus plumarius*, Clove Pink, mixed; *Dianthus deltoides*; *Pinks*, *Carnations* and *Picotees* mixed; *Platycodon*, mixed; *Perennial Poppy*, mixed; *Primula Hardy*, mixed; *Erythrum roseum*, mixed; *Ranunculus*, mixed; *Rocket*, Sweet, mixed; *Sweet William*, single, double, mixed; *Trachelium*, mixed; *Verbasum*, mixed; *Veronica*, perennial, mixed; *Wallflower*, Dwarf, double, mixed; *Wallflower*, double, Tall, mixed.

PARK'S FLORAL MAGAZINE

ESTABLISHED 1871.

A MONTHLY JOURNAL OF FLORICULTURE.

Vol. LIII.

La Park, Pa., December, 1917.

No. 12.

DECEMBER.

Month of calm and sweet repose,
When Nature's Children rest;
Month when praises rise to Him,
Who was a Manger's guest.

Minburn, P. O., Ia.

Mrs. Schoonover.

ASTILBE JAPONICA.

THE beautiful hardy herbaceous perennial illustrated upon this page is variously known as

Spirea Astilboidea, *Hostia Japonica* and *Astilbe barbata*. It belongs to the Saxifrage family, and delights in a deep, moist, rich soil. The plants stool out into handsome clumps, grow two feet high, and in June become a mass of fine plume-like flower-clusters, as indicated in the engraving. Some varieties bear pure white, others flesh-pink and still others bright pink flowers. They appear to good advantage in a garden border or low hedge, lasting for many days; and when cut and placed in a vase they are excel-

lent for room or window or table decoration.

This elegant perennial is also equally valuable for winter-blooming in the window or conservatory. For this purpose pot good clumps in autumn and plunge in ashes in a protected place, at the south side of a wall or building, covering the pots over with ashes and a board to turn the rain. Here they can remain until you wish to start them in growth,

which may be done at various times during the winter. When taken up water them and place in a rather cool temperature, increasing the supply of water and heat as the plants become accustomed to their new quarters. When growth becomes active they will be benefitted by liberal supplies of water. Avoid sudden and severe changes of temperature. To promote development give more sun and heat. As a rule these plants bloom freely

under this treatment, and are very attractive and beautiful. They deserve to be better known.

White Lily.

The old-fashioned fragrant White Lily known as *Lilium Candidum*, is subject to a disease that causes the leaves to blight early in summer, about the time the flower stalks are ready to shoot up. The disease comes with the bulbs from southern France. If you can secure bulbs that are home-grown and free from disease you should do so. And in any case if you have some healthy plants avoid buying

imported bulbs, as you are liable to introduce the disease and ruin what you have. The disease is not apparent in the bulbs, but develops in the leaves in early summer. Diseased plants will sometimes produce a few insignificant flowers upon a leafless stem, and are an eye-sore rather than a source of pleasure. Spraying with Bordeaux mixture or Lime-sulphur solution is a remedy.



PLANT OF ASTILBE JAPONICA IN BLOOM.

Park's Floral Magazine.

A Monthly. Entirely Floral.

GEO. W. PARK, B. Sc., Editor and Proprietor,
LA PARK, LANCASTER CO., PA.

[Entered at La Park, Pa., P. O. as 2nd-class mail matter.]

December, 1917.

Black Spot on Roses.—The disease of Roses known as Black Spot, is a fungus, and as soon as it shows the affected leaves should be gathered and burned, and the plants sprayed with Bordeaux Mixture. If neglected the leaves will all become spotted and drop off.

Impatiens Sultana.—This plant does well in a rather warm, partial shade. It may be bedded out in summer or kept in the window in winter. Use very sandy, well-drained soil and avoid chills. Give even temperature. Sprinkle the foliage frequently, on clear mornings.

Killing Weeds.—The weeds and grass that spring up in brick and gravel walks can be readily destroyed by spraying the walks with crude Carbolic Acid, one pint in four gallons of water. The same result may be obtained by applying common salt at the rate of from twelve to eighteen pounds per square rod.

Non-blooming Cactus.—When you have a non-blooming Cactus, keep it in a frost-proof room during winter, watering just enough to prevent wilting. In summer water rather freely, giving full exposure to the hot sun. A Cactus should be grown in very sandy, well-drained soil, and given a rest, as suggested, in order to produce flowers.

To Improve Roses.—Roses that are not doing well should be cultivated before the ground freezes up, and a dressing of fresh-slacked lime given, stirring it into the surface soil. After this is done apply a mulch of stable litter, say two or three inches thick. This will encourage the formation of buds and promote the development of growth and bloom.

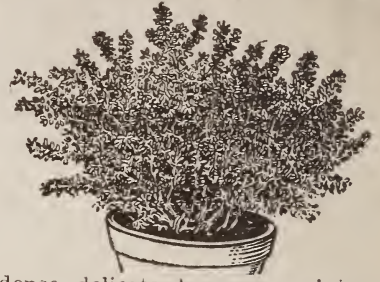
Buttercup Oxalis.—This is a bulbous yellow Oxalis that does well in very sandy soil and a rather sunny situation. Set the bulbs a half inch below the surface, water sparingly until growth begins, then give a copious supply. A shallow pot five inches in diameter will accommodate five bulbs, and with the treatment suggested should bloom freely during winter.

Tuberous Begonias.—Dry off the tubers of Tuberous Begonias as soon as the tops begin to decline, then pack in layers of cotton in a box and keep the box in a cool room, the temperature about 50°. Examine several times during winter, to see that the tubers are keeping. In March take out and pot in sandy soil, allowing the crown to protrude. Water sparingly at first, but more freely when growth becomes active. Give partial shade.

ARTILLERY PLANT.

JUST now, when war is occupying the mind of the people, it may be of interest to add an Artillery Plant (*Pilea Serpyllifolia*) to the window collection. It has

flaky sprays of foliage as beautiful and delicate as a Fern, is more easily grown, and is a good addition to the window collec-



tion. The dense delicate leaves are intermingled with little red "bombs" that explode under certain conditions, flinging the Fairy contents in the air. This Artillery quality is not prominent, but the plant is charming.

Starting Roses.—Everblooming Roses can be started at any time during summer. The cuttings should be made of half-hardened wood, and inserted in sand with a glass sash over the frame. Make the cuttings with three joints, removing the lower leaves, and inserting so that the remaining leaf will be above the surface. Keep the soil moist, and for several days sprinkle the foliage two or three times every hour. This sprinkling is necessary for the best success. Ventilate, and when the cuttings become accustomed to their place, frequent sprinkling will not be necessary. The best month, perhaps, to take the cuttings is in July. Hardy and Summer Roses will start readily from cuttings taken late in fall and buried in a frost-proof place until spring, then inserted in a sandy bed. During winter the ends of the cuttings will callous, and they are then almost sure to grow. Avoid mildew or moulding while the cuttings are being wintered.

Iris Colors.—The prevailing colors in Iris are blue, white and yellow. These colors appear in many shades and variegations, and all are beautiful. Besides these we have shades of brownish red, shades approaching rose or pink, ash-gray and reddish purple. In the Japanese section are varieties bearing large red flowers, pure white with rich blue or orange centre, and other striking variegations. The texture of Iris flowers is delicate and pleasing, and the colors are, on this account, very distinct and attractive.

Resetting Paeonies.—The best time to reset Paeonies is in October, after the plants have ripened their growth. If you want increased stock, cut the roots so there will be but one eye to each. The larger roots will push up blooming stalks the next season. Prepare the ground well, set the plants so that the sprout or eye will be near the surface, then heel the ground firmly about the root, and mulch with stable litter.

Editor's Letter

MY DEAR FRIENDS: We all delight in the Spring and Summer and early Autumn months—the months when we are greeted by the warm, radiant sunshine, the bright, fragrant flowers and the sweet, joyous songs of nesting birds. But when the cold days of November come and we hear the wind moaning in the leafless trees, the Jay bird shrieking loudly to its mate, and feel the pinch of Jack Frost upon our fingers—it is then that we begin to think of the beauty of the past and anticipate the joys of the Spring to come. And yet, November and the Winter months have their attractions—charming things that do not appear at any other season.



Ilex monticola

For a week past we have been enjoying the beautiful, so-called Indian Summer, a period of a few bright, warm days that come as a prelude to the stormy, frigid Winter-season. And as I walked down the mill-race path this still morning, the bright sunrays glorifying the landscape, and calling forth grateful praise from a belated little song-sparrow among the budded branches of the big Maple, I could not but rejoice that we had yet much in Nature to make life enjoyable and happy, if we could only realize it.

I had not gone far until my eye fell upon a pretty little tree, *Ilex monticola* that had not yet dropped its shining bronzy leaves. Its beauty was further enhanced by clusters of rich and glossy berries somewhat flattened, not unlike Pokeberries. What a pretty shade tree this would be, and how satisfying the fat little berries to the hungry winter birds. This tree is a near relative of the Christmas Holly, *Ilex opaca*, but has deciduous instead of evergreen leaves.

Further on, upon the opposite side of the race are two fine specimens of *Viburnum prunifolium*, often known as Black Haw. In the Spring these trees were covered with white, fragrant bloom-clusters, and later with the addition of clusters of bronzy-green haws. When allowed to ripen these haws are oblong, somewhat flattened and after frost become of a shining jet-black color, the pulp having the taste of a prune. Of late years, however, the English Sparrows have developed a taste for them, and devour the entire crop before the fruit is ripe. At present the cluster buds are showing, and indicate a fine display of bloom



Ligustrum Ibotum

next season. The big scarlet Maple near-by is also a mass of small, russet buds ready to develop in early Spring.

At this point near the path is an unpruned hedge of the graceful *Ligustrum Ibotum*, from eight to ten feet high, each side showing lovely slender arched branches, green with un-harmed foliage, and many branches bending with great clusters of blue-black berries that will hang on until Spring. In June, when few shrubs are in bloom, this hedge was covered with pretty white blossoms, which had a charming appearance against the deep green foliage. It is hardier than the California Privet, is more graceful, and requires but little pruning. It is evergreen at the south, and almost so at the north.



Callicarpa Americana

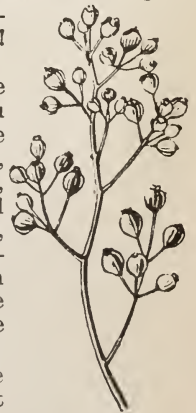
While speaking of berries I want to call your attention to a row of shrubs upon the hill near the beehives. It is of *Callicarpa Americana*, each plant stooing out into a clump of slender branches, pretty in foliage, and becoming wreathes of exquisite pale blue berries in dense clusters. This is one of the prettiest of autumn berried shrubs. It is distinct and attractive, especially late in autumn, when the handsome berries are revealed.

Near the path, along the border of the lower perennial garden is a high, broad trellis covered with a Hiawatha Rose, and in July this was a glorious mass of huge clusters, the flowers lovely carmine with white base and golden center. This trellis was wonderfully pleasing and attractive at that time, but is still handsome. The foliage has dropped off, revealing the rich green interwoven branches, and these are charmingly mingled with the splendid small scarlet hips or seed-pods in immense clusters. How beautiful it is! One cannot but admire it!

As we approach the gate at the end of the path you will be delighted with the clump of Indian Currant, *Symphoricarpos vulgaris*, which now displays arched wreaths of crimson berries, and *Symphoricarpos racemosis* or Snowberry, which forms a fine clump by the Office building, the big white berries in showy racemes.

All of these shrubs are hardy, and among the last things to disappear under the icy hand of the Frost King. They bear up well under severe conditions, and seem to feel it their duty to extend the sweets of summer into the bitter realities of winter. Sincerely your friend,

LaPark, Pa., Nov. 12, 1917. Geo. W. Park.



Rose Hiawatha

TO PROTECT FOXGLOVE.

FOXGLOVE Plants are entirely hardy, but often suffer from a blight or fungus early in Spring. This disease is ruinous during a protracted spell of damp, mucky weather. To avoid the disease make the bed in the highest part of the garden, where it will be well drained, and in autumn put a thin dressing of fresh-slacked lime over the surface. Toward spring, when the snow is gone and the weather becomes foggy, remove the lower leaves to promote ventilation about the base, and thus ward off the disease. If there is a bank of snow at hand it would be well to keep the bed covered with it, as the plants will not suffer from blight during a cold temperature. Where a bed



is exposed to severe winds in winter, a board frame placed around will be beneficial, but this should be removed as soon as soft spring weather comes. Canterbury Bells are troubled in the same way, and this advice will apply also in protecting them.

Clematis Jackmanii.—This Clematis is "miffy," and even when in apparently thrifty condition and full of bloom it will suddenly wilt, turn brown and die. The cause of the trouble is not, as yet, known, and no remedy can be suggested. Some recommend transplanting to a well-ventilated, sunny situation to promote the continued life of the plant, but such plants are liable to sudden death, as well as those grown under other conditions. The only safe rule is to buy plants of Clematis species that are generally tenacious.

Fertilizer.—Where a stable is not at hand to supply fertilizer for the garden, the scrapings from the road or street will be found valuable. It is advisable to apply a thin coat of fresh-slacked lime to the surface of a bed in autumn, and stir it in. Then let the bed lie until spring and put the manure fertilizer in between the soil as you spade. If common manure fertilizer cannot be obtained, the commercial fertilizer used by farmers, such as bone phosphate and bone meal will be found beneficial.

Skeleton Leaves.—Roses and other plants are often reduced to skeleton leaves by a "slug" or "worm" that eats away the tender parts, leaving only the ribs and veins. A sure remedy is to apply arsenate of lead—one ounce to two gallons of water, repeating the "dose" several times at intervals of a week.

Everblooming Roses.—To keep these over winter at the north, cover them with coal ashes just before the ground freezes up, then place some straw or corn-fodder over to turn cold and rain. Remove the covering as soon as danger from severe frost is past in the spring.

POPPIES.

DON'T forget to sow a bed of Annual Poppies this autumn. The young plants will soon appear, and will endure the winter, and make a gorgeous



display in early summer—rivalling a spring bed of Tulips. It is better to sow the different kinds separately, but in mixed colors; devoting one entire bed to Shirley Poppies, another to Carnation Poppies, and still another to Pæony-flowered Poppies. A few seeds of Papavar umbrosum scattered over the border of the lawn or in a pasture has a fine effect early in summer, the big crimson flow-

ers waving upon slender stems among the grass, having an ethereal appearance.

Infested Ivy.—A Subscriber in Massachusetts sends a leaf of her English Ivy that is covered upon both sides with a small white or silver-white scale. She also enclosed the following note:

Mr. Editor:—The enclosed leaf is from my large Ivy plant grown in the house. I have washed every leaf frequently with soapy water, and still the nasty things come. I want to keep the plant, as it is a memento of a dearly loved daughter who has passed on. Kindly tell me how to treat it."—Mrs. V. M. R., Hyde Park, Mass., Sept. 13, 1917.

Ans.—Sponge the leaves upon both sides with soapy water as warm as the hand will bear, then when the leaves dry, spray them upon both sides with lime-sulphur solution, using one part solution to ten parts water. After three days sponge again and spray as before. If you cannot get the solution, repeat the sponging every other day for a week or more, until every trace of the pest has disappeared.—Ed.

Plants in the Window.—Many plants that thrive and bloom freely in the garden will languish and die in the window, even under apparently favorable conditions. The atmosphere of a room, especially in winter, is always dry, and often too hot and poorly ventilated. It is always well to use such plants as will do well in-doors, and then keep open shallow pans of water upon the stove or register or radiator to promote a moist atmosphere, and maintain a temperature of 45° to 50° at night, and 60° to 70° in daytime.

Pruning Clematis.—As a rule it is not advisable to prune Clematis plants of any kind until spring; then cut away any parts that are dead or not in a thrifty condition, and encourage the development of new branches, upon which the flowers will develop.

ABOUT DATURAS:

I AGREE with Mrs. A. R. Corson that *Daturas* are beautiful flowers. Here in Missouri they grow wild, and are known as Jimson weeds (corrupted from Jamestown), but the wild variety has blooms only a third as large as the cultivated sorts. The *Daturas* in my garden last year were $4\frac{1}{2}$ feet tall, and bore hundreds of great white satin flowers. They are, to my notion, at their loveliest on a warm, wind-still night, when the moon is full; the innumerable white trumpets, 8 to 12 inches long, gleam in the white light like molded wax, and a fragrance subtly sweet as the soul of a child drifts through the curtains with every sleepy little yawn of the south wind. The wild variety (*D. Stramonium*) is not a native of the United States, although naturalized in most parts. It is thought to have been introduced from tropical America. There are many varieties that originated from the common purple-flowered species, *D. Tatula*, and the less common white-flowered, *D. Stramonium*, the most commonly cultivated ones being, *D. Wrightii*, single lavender; *D. Fastuosa*, double white, and *D. Humilis*, single and double golden. All are more or less closely related to the *Petunia*, *Nicotiana*, *Potato*, *Tomato* and *Egg-plant*. Some of its folk-names in different localities are *Thorn Apple*, *Angel's Trumpet*, *White Man's Plant*, *Sweet Nightingale*, *Devil's Horn*, *Jimson Weed* and *Horn of Plenty*. Except on cloudy days, one rarely sees the lovely cornucopias open before 4 p. m. Though prone to run wild, it never becomes a noxious weed. In fact, it rarely is found wild on any but poor soil that would be infinitely uglier, were it not for this beautiful, despised-by-many "weed." There is something of interest in even the lowliest species of plantlife, and the varied means the different groups employ to affect cross-fertilization are almost incredible.

Miss M. A. Schneider.

Clinton, Mo., R. 4, B. 22.

[Note.—*Datura tatula* is regarded by some botanists as a variety of *D. Stramonium*, being like it except that the stems are more slender and purplish red, and the flowers of a lavender color, while *D. Stramonium* has white flowers.—Ed.]

Frozen Plants.—When plants become chilled, or even frozen stiff, shower them with ice water, until the frost is drawn out, then gradually bring them to warmer temperature. Avoid hot direct sunlight until the plants recover.

Marathon, N. Y.

Ruth W.



THE COMMON SUNFLOWER.

FASHIONS in Flowers, as in other things, seem to change, and so some old-time favorites, common to the gardens of our grandmothers, are no longer in vogue.

One of the plants that has been "pushed back" is the old-fashioned Sunflower. But really, nothing could have been more fortunate, for in no other position does the tall growing Sunflower show to greater advantage than in the back-ground, or planted among Shrubbery. Here its bright golden flowers, that appear coarse and gaudy at close range, gleam and glow like disks of burnished gold, and possess a charm that is all their own. If the flowers are gathered before they become too large, their bright color and lasting qualities make them quite desirable for decorative purposes. It is surprising how a bouquet of these gay flowers will brighten a dim hallway or a dark corner.

Bertha Berbert Hammond.

Mahopac Fall, N. Y., Aug. 19, 1917.

Tiger Lily.—Some years ago the old-fashioned Tiger Lily fell under the ban of disfavor. Some dabbler in æsthetics declared the color of its flower crude and tawdry, and in their zeal some misguided persons ruthlessly sacrificed fine clumps that it had taken years to produce, replacing them with newer or finer varieties. But the old Tiger Lily had too many good points to remain long an exile, and it is again resuming the place to which its ease of culture, hardness, stately habit of growth and gorgeous orange-red, black-spotted flowers entitle it. The re-appearance of the old Tiger Lily in gardens from which it was once banished is a glowing, though tardy tribute of appreciation. A glimpse at a fine ten-year-old clump abloom in my garden, gives one some idea of the gorgeous oriental coloring of "the lilies of the field" referred to in the words "that even Solomon in all his glory was not arrayed like one of these."

Bertha Berbert Hammond

Mahopac Falls, N. Y., Aug., 1917.

Perennial Coreopsis.—The flowers of this hardy perennial are golden yellow, and fine for cutting. Plant seeds either in flats within or directly in the garden later. If sown early indoors it will bloom the first season, but will be better the second season, when the bed will be a sheet of golden yellow, with flowers three inches across, on stems two feet long, the finest flower for cutting I know of, and lasting almost a week in water. If kept from seeding they will bloom for several months, but the stems will be shorter. The first flowers always have the finest stems.

G. P.

Albany Co., Ind.

[Note.—Being perfectly hardy the plants can be obtained this month and set out to be ready to bloom early next season. Once established they will take care of themselves, even withstanding the encroachment of grasses and weeds.—Ed.]

QUESTIONS AND ANSWERS.

Cannas and Dahlias.—Mr. Park: Please advise me how to treat Canna roots to keep them over winter. Also the time to lift Dahlia roots in the fall and how to plant them in the spring.—Mrs. Frank Prochazka, Atwood, Rawlins Co., Kansas.

Ans.—Canna roots should be lifted as soon as the frost injures the foliage. Cut the tops off and dig the roots with the soil adhering, and store in a rather cool, well-ventilated cellar. The roots should be examined occasionally to see that they are keeping. If drying out, they should be watered occasionally. If they show signs of rotting, give them a dryer situation. Where but a few roots are to be kept, they can be planted in a box of soil and kept in the furnace cellar, watered occasionally, or they may be kept in a frost-proof room, moistening enough to keep the roots from drying out.

The same treatment may be recommended for keeping Dahlias, though they are not so liable to dry out as Cannas and can be placed on a swinging shelf in the cellar. Early in spring it is well to bring the clumps out and bed them in moist sand in a rather warm room, where they will produce sprouts and the clumps can then be divided. Dahlia sprouts mostly issue from the base of the stem and in keeping Dahlias it is important to preserve the stem in good condition. It is also important not to mutilate the neck of the tubers that are joined to the stem, as such mutilation destroys the value of the tubers, preventing the connection between the tuber and the latent bud or buds. When danger from frost is past, the divided clumps can be bedded out where they are to bloom.

Non-blooming Moon Vines.—Mr. Park: Four years ago I planted seeds of Moon Vines, which come up every year, but produce nothing but leaves. They run fine. Why do they not bloom?—Mrs. Van Syckle, Kansas, Oct. 1, 1917.

Ans.—The various species of *Ipomoea* or Moon Vines are somewhat uncertain. Some years they are non-blooming where in other years they bloom freely; and in some soils they seem to concentrate their energies in vines and foliage. In most cases in the far western states non-blooming is due to a super-abundance of alkali in the soil, and a dressing of lime is beneficial, as a portion of the alkali unites with the lime and forms a substance that is not detrimental to blooming. The surplus alkali can also be washed out by good drainage and flooding the soil with pure water.

Begonias Out-doors.—Mr. Park: Is there any way of leaving Begonias and Geraniums in the open ground over winter in the latitude of Southern Missouri?—Mrs. Benson, Mo., Sept. 23, 1917.

Ans.—You can leave *Begonia Evansiana*, a handsome foliage and flowering sort, out-doors during winter in Southern Missouri, but there are no hardy Geraniums (*Pelargoniums*). The nearest approach to a Zonal Geranium is *Erodium Manescavi*; the flowers are carmine, blotched purple, in clusters. The plants are hardy and bloom throughout the greater part of the season.

Forsythia.—Mr. Park: I have two Forsythia bushes that do not bloom. How shall I treat them?—Mrs. Barnum, Conn.

Ans.—Give your Forsythias an open sunny place and prune them early, as soon as the flowers fade. Before Christmas gather in the branches and protect them by wrapping them with heavy paper or straw, as Roses are sometimes protected. The reason Forsythias sometimes fail to bloom is mostly because the buds are ruined by severe frost just when they begin to swell.

Black Lice.—Mr. Park: For three years I have tried to grow Nasturtiums, but just when they begin to bloom they are attacked by black lice in large numbers upon the under side of the leaves. Please give me a remedy.—Miss Jones, N. H.

Ans.—When the plants are small cover the bed or mulch the row with tobacco stems, which may be obtained at any segar factory, the stems being waste material. This will prevent an attack of the pest.

Wintering Violets.—Mr. Park: I nearly always lose my Violets during winter. How can I treat them to save them?—Lucinda Pickett, Ind., Sept. 26, 1917.

Ans.—Place a board frame a foot high around the bed, and as cold weather comes, say in December, throw some nude brush over it. This will keep off the wind and afford enough protection to winter the plants. If not further protected by a covering of snow, a piece of old carpet thrown over the frame until the severe weather is past will be of benefit.



Pruning a Rubber.—Mr. Park: What shall I do to my Rubber Tree, which is growing so I cannot keep it in the room?—Mrs. Kroll, Wis.

Ans.—If you wish a straight, erect stem, such as you probably have now, cut the plant off at the ground, doing the work in early spring, or just before the growth is renewed. Several shoots may appear, but all should be rubbed off except the largest. This will make a rapid growth and make a stately plant clothed with elegant leathery leaves from the ground up. If a tree-shape is preferred cut your plant off a foot from the ground, or as high as you wish the trunk, and encourage the growth of several branches which will issue from near the top of the stem. The tree form is very showy, and preferred by many to the single stem.

Paeonies from Seeds.—Mr. Park: Please give me directions for starting Paeonies from seeds.—Mrs. Faffen, Ill.

Ans.—Plant the seeds a half inch deep in sandy soil in a bed which will not be disturbed for several years. Some of the seeds may come up the next year, but many will lie dormant for two years, and some for three years. Allow the plants to remain where they started for several years before transplanting. Seedling plants should not be expected to bloom for from three to five years after they appear. If transplanted they will bloom a year later. They should have deep, moist soil and a sunny situation.



ACHILLEA.

THIS is commonly known as Yarrow or Milfoil. *Achillea Millefolium* is a native plant which is often despised, but if lifted and placed in the garden and given good care, it is beautiful. The foliage is fern-like, and the big clusters of white flowers last for a long time. There is a variety of this species which bears flowers ranging in color from rosy white to crimson, a rare sort that is admirable for a garden bed.



Achillea filipendula grows three feet high, or even higher, and has large flat clusters of bloom of a brilliant golden yellow. It is a beauty. *Achillea Ptarmica* fl. pl., is different, the foliage being darker green, and the flowers double white, larger, and in loose clusters. The Pearl is an improved variety, also Perry's White or Ball of Snow. The stems of these are branching, and the flowers handsome. As a family the Achilleas are very satisfactory, being hardy, sure to bloom, and having a long blooming period. The plants well repay the attention given them.

Nassau, N. Y., Mrs. G. W. Bain.

English Ivy.—When at the old home of George Washington at Mt. Vernon, I was especially impressed with the lavish use of English Ivy as a decorative plant. Its glossy green leaves were in evidence over hedges, trellises and out-buildings. A friend knowing my love for the plant, bought a rooted slip for me of the gardener in charge. It is now thriving well, and brings me happy memories of a visit to the tomb and home of "The Father of his Country." DeWittville, N. Y. Mrs. Ella F. Flanders.

[Note.—At Abbotsford, Scotland, where Sir Walter Scott lived and wrote his books, the garden is surrounded by a high wall that is covered with various kinds of hardy English Ivy. As a memento I secured several cuttings and brought them with me to America. One with beautiful foliage mottled green and silver grew, and is described under the name of Abbotsford. It is one of the finest and hardest of English Ivies.—Ed.]

White Worms.—I have been very much annoyed in the winter by the little white worms in the soil, and the lime, sulphur and tobacco would not banish them, except for a little while, although I tried to keep drainage open, and follow all directions about sweetening the soil. Now I have found that watering the plants with the soapy water after washing my hands is more effective than anything else, and seems to be a benefit to the plants.

Mrs. Flora T. Patten.

Madison, Me., June 29, 1917.

Gladiolus.—I have splendid Gladiolus flowers this season from the Premium Gladiolus—the finest I ever saw. I have them planted in gravelly clay with plenty of good rotten stable manure, and they certainly have paid me this summer.

Mrs. J. H. Wildin.

Wilmington, Del., Aug. 24, 1917.

HOLLYHOCK BLIGHT.

I WOULD like to tell the floral friends my experience with Hollyhock blight, in hopes it may help some one to save their Hollyhocks.

Last year I noticed for the first time the spots on the underside of the leaves which were dying. I didn't know what was the trouble, but had the plants sprayed with Paris green, after removing the infected parts. That did no good and I feared I must destroy the plants, but thought I would try a wash of a disinfectant I use for so many purposes—Kreso Dip. I made a large basinful of water quite milky with the tarry solution, washed the whole of each plant, laying it down in the basin, so every stem and leaf and bud was soaked with it. To my great satisfaction the remedy was effective at once, and no more of the disease appeared. The buds grew and blossomed finely, and this spring I have examined every plant and found no trouble whatever so far.

Mrs. Flora T. Patten.

Madison, Me., June 29, 1917.

[Note.—This experience in overcoming the Hollyhock fungus is interesting, as in many sections the disease has ruined the culture of that good old-fashioned flower. The remedy should be promptly applied in early summer, as soon as the disease appears.—Ed.]

BRYOPHYLLUM.

COMMONLY known as the air plant. Its thick green leathery leaves are in themselves beautiful, but in midwinter this plant throws up a large candelabra-like stem on which hang the blooms. At first they are greenish, with purple veins, and look like



small Zeppelins hanging on end. Then the bottom opens and a four-petalled red flower appears, which much resembles a single Fuschia. They last indefinitely and always excite curiosity. The leaves of this plant will throw out young plants at every indentation if

BRYOPHYLLUM FLOWERS laid or pinned up somewhere in a semi-moist atmosphere. The plants make good decorative subjects for half dark halls and rooms during the winter months even if they do not bloom. It is better to stake them so they do not get top heavy and break off.

G. P.

Albany Co., Indiana:

Forsythia.—While in Washington, D. C., during early April, the Forsythias were in full bloom, and I realized as never before, how wonderfully beautiful these early flowering shrubs are, and how much they lend to the landscape beauty. Let us plant some of these "Flowers of Gold." Mrs. Ella F. Flanders.

DeWittville, N. Y.

FLORAL POETRY.

MEMORY'S CASKET.

In memory's casket are jewels,
More precious than gold I know;
They recall the days of my childhood,
And the thoughts of long ago.

They recall the dear old Homestead,
The valley, the wooded hill;
The rustic seat 'neath the Willows,
The stream and the old red mill.

The winding path to the woodland,
Where we strolled in childish glee,
In search of the sweet wild flowers,
So very dear to me.

The pond with its still dark waters,
Where the finny tribe held sway;
Its shady banks where we used to roam,
On the long, long, summer's day.

And the garden swing 'neath the apple tree,
Where the robins nest in spring,
In the blossom-laden branches,
Where song-birds sweetly sing.

The dusty road we walked each day,
To the schoolhouse on the hill;
The mossy glen, the shady nook,
Are fresh in my memory still.

Long since the old home's silent,
They sleep in the church-yard old—
The dear ones of our childhood,
The loved ones of the fold.

The mill wheel, too, is silent,
The Miller has gone to rest;
They made him a grave 'neath the Willows,
As the sun sank in the west.

The shady banks of the old Mill pond,
No more, as then, are seen;
Where once we roamed long years ago,
Are meadows of brightest green.

The swing is gone from the orchard,
And apple tree as well;
And a mansion tall and stately,
Stands there, near where it fell.

The schoolhouse is gone from the hillside,
The place is silent and lone;
The mossy glen and shady nook,
To forests dark have grown.

But sweet are the sacred memories—
In this casket, quaint and old;
They are dearer to me than jewels,
That are fashioned of purest gold.

Mrs. Chas. C. Towne.

Waterbury Centre, Vt., June 19, 1917.

NOT AN ASTER-OLOGIST.

My little son roamed
In the garden one day,
Forgetting his school-books and masters,
Where the little ones learn
With less work and more play,
At home, in the city of Asters.

"Oh Mother, come look
At my plant," was his call;
"I'm making it grow a lot faster;
If it's not a real flower,
A beautiful flower,
Why, wouldn't it be a dis-aster?"

Spokane, Wash.

Mrs. L. M. Nickerm.

DEAR TO THE HEART.

Dear to the hearts of the children
Is Christmas—the wonderful time;
Sweet are the gifts they're receiving,
Sweeter the Spirit sublime.
Beautiful then are their faces,
Trustful and Tender and mild;
As the heart of the Miracle mother,
Enshrining the wonderful Child.

Dear to the hearts of the weary
Is Christmas. For there, to console,
Is Peace with her olive boughs laden,
To soothe every world-weary soul;
She comforts the hopeless and helpless,
And lifts up their hearts from the dust,
Dispelling the malice and envy,
Crowns loving forgiveness with trust.

Dear to the heart of Earth's people,
The time of the wonderful birth;
For love in its 'fulgence is shining,
Like pearls of unsearchable worth.
The Pathway to Christmas seems dearer
Than any we ever have trod,
Because it keeps leading us nearer,
Nearer and nearer to God.

Akron, Ohio.

Mary E. Sweeney.

EVENING SUNSET.

I watch the setting of the sun,
With teardrops in my eyes;
The day is nearly done,
The crimson lights the skies.

My soul is filled with longing,
That is restless, sad and wild;
The thoughts keep thronging,
As when I was a child.

They make me sad with a feeling,
That is full of grief and pain;
Just as the church bells pealing,
Keep ringing, ringing in vain.

I cannot resist the temptation,
Of watching the sun o'er the hills;
How beautiful, and grand is our nation,
When seen in the sunset thrills.

Then the world is radiant in beauty,
Given by a Hand divine;
Like some Fairy's elysian dreamland,
Where all is fair—sublime.

Stronghurst, Ill.

Lenah C. Ahlers.

THE WAYS OF NATURE.

The Carrot is yellow, the Parsnip white,
The Beet as red as can be;
The Turnip is tinted, Potato is brown,
And many the colors we see;
Tomato is red when 'tis all ripe,
The Egg plant a brownish blue;
The Pepper is red, the Cabbage is green,
And Beans and Peas green too;
And various colors we see on the bush,
Currants black and white and red;
Gooseberries are green, Raspberries are black,
Oh, ar'n't we nicely fed?
For we've fruit on the trees with colors so gay,
The Apple, the Cherry and Plum,
The Peach and Pears, oh, Pumpkins I've missed;
'Cuse me, I must be after one.

St. Louis, Mo.

Albert E. Vassar.

WHY PAPA WASN'T CALLED.

Birtha, a doctor's daughter,
Had come in late to school;
She'd always been quite early,
But twice did break the rule.
"I'll call papa," said the teacher,
And Birtha's face turned red—
"If you do, he'll charge two dollars,"
The little maiden said.

St. Louis.

Albert E. Vassar.

MARCHIN'.

Marchin' with the mornin'—the only thing to do.
To make the way seem pleasant, and make our
dreams come true;

Marchin' out of darkness to summits sweet above,
Where glows the cheering sunbeams in a sphere
where all is love.

New Orleans, La.

Prof. J. Denler.

CORRESPONDENCE.

From West Virginia.—Mr. Park:
When wanting to take a sprout off of some bush
or plant, just try a large sharp knife, instead of
the mattock, unless a very large plant, and see
what a nice clean rooted plant you have. It
doesn't bruise or spoil the bush like the mat-
tock does. Do not expect to raise flowers, un-
less you have the ground rich and mellow.
Some people scratch up the ground two or three
inches deep, and sow their seeds in among the
gravel and slate and then wonder why in the
world they don't have any flowers. Spade flower
beds a foot deep—deeper if possible. If you
happen to have more of some kinds of flowers
planted than you want, just try giving them to
some neighbor who isn't so lucky as you, in-
stead of throwing them away; nothing like try-
ing to brighten up this old world a little. Don't
be forever grubbing at the tops of shrubs, to get
them to suit you, unless you want them, like a
Locust, to spread all over the place. Cut some of
your nice flowers and keep on the table; nothing
like having them where you can see and enjoy
them without going out to the yard. Save some
of the seeds of those finest Dahlias, so if you
should happen to lose the roots over winter, you
will still have seeds of the same kind. If you
want your flowers to make the best show, plant
only one kind in a bed, unless it is some kinds
that bloom at the same time. Don't wait till
everything else is done before you plant your
flowers; have them on time too.

Elk Garden, W. Va.

Mrs. G. H. Barrick.



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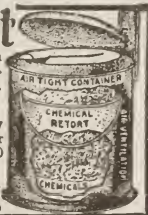
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MILDRED AND ONETA.

Two maidens fair came past today
Upon their road to hunt or play;
Now one was Mildred, large and round,
And one was Neta, small and sound;
But each one wore a pleasant smile,
Which helped the tedious hours beguile,
And each one said a pleasant word
Which would have cheered had you but heard.

Now Neta bore a gun, she said
To shoot a bear till he was dead,
While Mildred kept the shells, they say,
Until they find their looked-for prey;
Some apples they must take along
On which to feed to keep them strong,
For lassies must not lose their strength
Upon a journey of such length.

Now if these girls should e'er come back,
I'll ask who found old bruin's track;
But if their trail for joy was like
Most all the trails for joy we strike,
I'll say the pure air breathed that day
Was quite enough for them good pay;
For search and exercise we find
Will always bring pay, its own kind,

Marion Co., Ill.

Hattie R. Sanders.

CORRESPONDENCE.

From Alabama.—When I was a little girl I visited an old lady who was a flower-loving friend of mine; she always divided her flowers with me. This time she gave me two or three little bulbs and said they were Achimenes, and told me how to plant them. They grew and were very pretty. But I lost all of them, and the old lady who gave them to me lost all of hers; so last spring I decided to send for more Achimenes. I had been told that there were different



colors. So I got my Guide and looked them up, and found that it said they were purple, red and white. So I ordered three, expecting one of each color. Each bulb occupied a quart tin can, and oh, how anxious I was for them to bloom, and as each one bloomed it was purple; they were all alike and just like the ones I used to have. I was a little disappointed, of course, but I never planted anything that gave me more pleasure or any more blooms; they were perfect bouquets. When I wanted a bouquet on the table or mantle shelf, I could wrap a piece of paper around a can of my Achimenes and I had a beautiful bouquet; every one admired them and asked me to divide with them. I say to all who want a wealth of beautiful flowers, plant the purple Achimenes. If there are other colors I would surely get them if I could. I think they ought to be grown more by the flower loving folks, for nothing gives more return for so little trouble.

Atmore, Ala., Jan. 4, 1917.

Elizabeth.

SONGS.

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And don't you think its fine?
She stood five of them in a row
And viewed 'em for a time.
One laughed and said he hoped she'd get
One who ne'er would jealous be,
And as she grabbed him by the arm
Said, you're the one for me.

St. Louis, Albert E. Vassar.

EDITORIAL NOTICES.

Vegetable Forcing.—This is a valuable new book by Ralph L. Watts, Dean and Director of the School of Agriculture and Experiment Sta. of Pennsylvania State College, published by Orange Judd Company, New York. It treats of Greenhouse Construction and Management, Soils, Fertilizers, Insects, Diseases, Watering, Ventilating and Marketing. It gives special Cultural Directions for forcing Asparagus, Rhubarb, Lettuce, Cauliflower, Radish, Tomato, Cucumber, Musk Melon and Mushrooms. It is fully illustrated, and comprehensive, and a thorough guide to any one who wishes to engage in forcing Vegetables and Mushrooms for market.

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903

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CORRESPONDENCE.

From North Carolina.—Dear Mr. Park: My Mother wishes me to express her appreciation of your Magazine, which gives her such helpful advice in caring for her flowers. I think if all of your readers would enter into the spirit that pervades your Magazine and cultivate but a rose or shrub or plant, it would add to their joy and contentment, and make the world better. I do think that through flowers and music and poetry God's unseen presence can be felt so strongly! I am especially fond of music, and I think that this with poetry harmonize so well with flowers. I enjoy Mr. Vasser's poetry. I do not know him, but his verses prove what he is. He seems to express so much in so few words, and his thoughts are so elevating. Dora Williamson.

Scranton, N. C.

To the Wife of One Who Drinks

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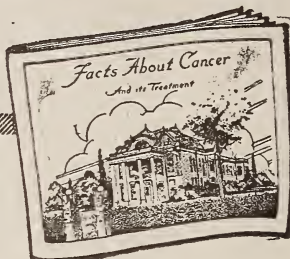
Make home bright and always cheerful,
Open off' the windows wide;
And with the happy sunshine,
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Then start the day by smiling,
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If this recipe you're observing,
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For our life-joys are a reflection,
Of the kind deeds that we do.

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ANEMONES.

Away on the slopes of the hill-sides brown,
Fresh and damp from their mantle of snow,
Lie, softly dreaming in hoods of down,
While the march winds noisily blow,
'Neath the naked arms of the storm-tossed trees,
The dreamy-eyed, purple Anemones.

When the sun returning with ardent mien,
Stoops to kiss all the cold earth's breast,
And the white snow shirks, like a ghost unseen,
Like a timid ghost, half guessed,
Then the furry buds in their partings show,
The purple eyes, all adream below.

When the sleeping grasses begin to wake,
And the heart of the maple is stired;
When from ice-locked prison is freed the lake,
And the call of he robin is heard;
All dainty and downy in fluffy frills,
Are the "wind-flowers" starring the warm-brown hills

Oh, flowers of the spring-time with hearts of gold,
How you bided your waiting in gloom;
For, hidden so softly beneath the mold,
Neither fruitage, nor summer's bloom were yours,
Yet more than for all of these,
Do we hail thy coming Anemone.
Brooklyn, N. Y. Maude Meredith.

MAGAZINE APPRECIATED.

Mr. Park:—Your Floral Magazine has been a source of great enjoyment to me. I think it is splendid.
Mrs. P. Clemons,
Cedar Springs P. O., Mich., June 12, 1917.

Dear Mr. Park:—I have been a reader of your Magazine for a good many years, and feel as though I cannot get along without it. The charming letters from the Editor are so interesting. They are just like having a chat with some dear friend; and when ever I feel the blues coming, I always look up your Magazines and read all those letters over, and when I get through the blues are gone—they just vanished.
Kickapoo, Kan. Mrs. E. A. Burgess.

Mr. Park:—I have taken your Magazine for years, and would not think of doing without it, for I have learned from it how to raise all kinds of flowers and plants.
Ontario, Oregon Mrs. Beulah Barrett.

Mr. Park:—I think nearly all who take your interesting and helpful Magazine carefully preserve it. I have many large bound books of the volumes that I often enjoy, and I found them valuable for reference. I have been taking the Magazine almost from its first number.
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References: Third National Bank, Sedalla, Mo.
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**Late Member of Congress from New York—Nominated for Vice-President
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Energy—Says That Henceforth He Shall Not Be Without It.**

Probably no remedy has ever met with such phenomenal success as has Nuxated Iron—Over three million people annually are taking it in this country alone, to say nothing of the vast number who are using it in France, England, South America and other countries. It has been highly endorsed and used by Former United States Senators and Members of Congress; physicians who have been connected with well-known hospitals have prescribed and recommended it; Monseigneur Nannini, a prominent Catholic Clergyman, recommends it to all members of the Catholic Church. Former Health Commissioner, Wm. R. Kerr, of Chicago, says it ought to be used in every hospital and prescribed by every physician; Dr. N. H. Hornstine, for ten years connected with the Department of Public Health and Charities of Philadelphia, says the administration of Nuxated Iron in a number of stubborn cases where other tonics had utterly failed, only served to convince him absolutely of its remarkable and unusual power; Former First Assistant Post Master General of the United States, C. P. Grandfield, strongly endorses and recommends it to the tens of thousands of civil service employees who know his name and signature. Sarah Barnhardt—"the Divine Sarah," the world's most noted actress, has ordered a large quantity sent to the French soldiers to help give them strength, power and endurance.

The famous "Cyclone" Davis, Member of the 64th United States Congress, says the effect of Nuxated Iron on him was almost magical, that after taking it, nothing seemed to tire him out no matter how strenuous it might be. Dr. A. J. Newman, late Police Surgeon of the City of Chicago, and former House Surgeon Jefferson Park Hospital, Chicago, says Nuxated Iron has proven through his own tests of it to excel any preparation he has ever used for creating red blood, building up the nerves, strengthening the muscles and correcting digestive disorders.

Dr. Schuyler C. Jaques, Visiting Surgeon St. Elizabeth's Hospital, New York, says he has never before recommended any remedy to the public, but that in the case of Nuxated Iron he would feel he were remiss in his duty not to mention it. Dr. Ferdinand King, New York Physician and Medical Author, says that in his recent talks to physicians on the grave and serious consequences of iron deficiency in the blood of American women he has strongly emphasized the fact that doctors should prescribe more organic iron—Nuxated Iron—for their weak run-down, nervous, haggard-looking patients. Ty Cobb, the greatest base-ball batter of all time, took it to help give him renewed energy and great staying power. No matter what anybody says, you could not, at this day, get such prominent men to endorse a remedy that has no value—doctors, lawyers, politicians, athletes—a great array.

Dr. E. Sauer, a Boston Physician who has studied both in this country and great European Medical Institutions, said: Nuxated Iron is a wonderful remedy. Not long ago a man came to me who was nearly half a century old and asked me to give him a preliminary examination for life insurance. I was astonished to find him with the blood pressure of a boy of twenty, and full of vigor, vim and vitality; in fact, a young man he really was, notwithstanding his age. The secret, he said, was taking iron—Nuxated Iron had filled him with renewed life. At 30 he was in bad health; at 46 he was careworn and nearly all in—now at 50, after taking Nuxated Iron, a miracle of vitality and his face beaming with the buoyancy of youth. If people would only take Nuxated Iron when they feel weak and run-down instead of dosing themselves with habit-forming drugs, stimulants, and alcoholic beverages, I am convinced that in this way they could ward off disease, preventing it becoming organic in thousands of cases, and thereby the lives of thousands might be saved who now die every year from pneumonia, grippe, kidney, liver, heart trouble and other dangerous maladies.

What Senator Towne Says :

"As a member of Congress from New York, as a member of Congress and Senator from Minnesota, as participant in political campaigns and candidate for Vice-President, my nervous energy and reserve force were tremendously drawn upon. That I survived these trials and came into advanced middle life with the elasticity and strength of a boy is unquestionably due to the rigorous attention I have paid to the proper care of my body. Recently I have been taking Nuxated Iron and have found it of the greatest benefit as a tonic and regulative. Henceforth I shall not be without it. I am in a position to testify for the advantage of others, to the remarkable and immediate helpfulness of this remedy, and I unhesitatingly recommend Nuxated Iron to all who feel the need of renewed energy and the regularity of bodily functions."



Charles A. Towne

Minnesota's Man of Mark.

Former United States Senator Charles A. Towne, graduated from the University of Michigan, twice elected member of the United States Congress, served in the United Senate, nominated for Vice-President, takes Nuxated Iron; now recommends it to all who feel the need of renewed energy.

The real, true cause which started their disease was nothing more or less than a weakened condition brought on by a lack of iron in the blood. Thousands of people suffer from iron deficiency and do not know it."

If you are not strong or well, you owe it to yourself to make the following test: See how long you can work, or how far you can walk without becoming tired. Next take two five-grain tablets of Nuxated Iron three times per day after meals for two weeks. Then test your strength again and see how much you have gained.

NOTE.—Nuxated Iron, which has been used by Former United States Senator Towne with such surprising results, and which is prescribed and recommended above by physicians in such a great variety of cases, is not a patent medicine nor secret remedy, but one which is well known to druggists everywhere. Unlike the older inorganic iron products, it is easily assimilated, does not injure the teeth, make them black, nor upset the stomach; on the contrary it is a most potent remedy in nearly all forms of indigestion as well as for nervous, run-down conditions. The manufacturers have such great confidence in Nuxated Iron, that they offer to forfeit \$100.00 to any charitable institution if they cannot take any man or woman under sixty who lacks iron and increase their strength 100 per cent. or over in four weeks' time, provided they have no serious organic trouble. They also offer to refund your money if it does not at least double your strength and endurance in ten days' time. It is dispensed by all good druggists.

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